

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2 005/020166

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| A. CLASSIFICATION OF SUBJECT MATTER | | |
| IntCl. H01L21/268 (2006.01), H01L21/20 (2006.01), H01L21/336 (2006.01), H01L29/786 (2006.01) | | |
| According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED | | |
| Minimum documentation searched (classification system followed by classification symbols) | | |
| IntCl. H01L2 1/268, H01L2 1/20, H01L2 1/336, H01L2 9/786 | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| Published examined utility model applications of Japan 1922-1996 Published unexamined utility model applications of Japan 1971-2006 Registered utility model specifications of Japan 1996-2006 Published registered utility model applications of Japan 1994-2006 | | |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | JP 2003-287704 A (MITSUBISHI DENKI KABUSHIKI KAISHA) 2003.10.10, PAR. [0039], FIG. 6 | 1, 2, 4, 5, 7-10, 12, 13, 15, 16 |
| Y | PAR. [0039], FIG. 6 (FAMILY : NONE) | 3, 6, 11, 14 |
| X | JP 2001-156017 A (SEMICONDUCTOR ENERGY LABORATORY CO., LTD.) 2001.06.08, PAR. [0044], FIGS. 4, 5 (FAMILY : NONE) | 1-16 |
| A | US 2004/0208206 A1 (TANAKA Koichiro) 2004.10.21, WHOLE DOCUMENT, FIG. 5 & JP 2001-156018 A | 1-16 |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex. | | |
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